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Antenna configuration for RFID tags

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5 FIELD OF THE INVENTION

The invention relates to an antenna configuration which has a first antenna arm and a second antenna arm, wherein each of the two antenna arms is made of electrically conductive material and has a first end and a second end and has a longitudinal direction which runs from the first end to the second end, and wherein the two first ends are arranged
10 at a first distance from one another and adjacent to one another and are in each case intended and designed for electrically conductive connection to a terminal of a signal sink or of a signal source, and wherein the two second ends are arranged at a second distance from one another and remote from one another, said second distance being greater than the first distance.

15 The invention furthermore relates to a data carrier for contactless communication with a communication station, which data carrier is provided with an antenna configuration for contactless communication.

BACKGROUND OF THE INVENTION

20 Such an antenna configuration of the type mentioned in the first paragraph is known for example from patent document US 6 028 564 A. In the known antenna configuration – as can be seen for example from Fig. 4 of the patent document US 6 028 564 A – the design is such that the two antenna arms are designed and arranged to be rectilinear and aligned in their longitudinal direction. On account of the design of the
25 known antenna configuration, in order to obtain satisfactory antenna properties it is necessary to configure the antenna arms with a great length, and consequently the antenna configuration as a whole has a great overall length, which in various known applications is more than 20 cm. However, such a great overall length results in undesirable restrictions since a product in which the known antenna configuration is used must have an overall length, which is
30 greater than the overall length of the antenna configuration. This is even the case in the application of the known antenna configuration which is known from the abovementioned patent document, namely during use in so-called tags and labels, so that these tags and labels have a great overall length. This means that the tags and labels can be applied to articles, goods and other products, in a simple manner and in a manner necessary for simple